

EWIS Recurrent for Groups 1 & 2 – 1 Day

Introduction

The origins of the requirement for EWIS Training go back to a number of incidents that have had a catastrophic effect on the industry with instances of in-flight smoke and fire events in which contaminants were ignited by electrical faults which allowed a fire to be sustained and spread. Considerable research was conducted by The FAA and the National Transportation Safety Board (NTSB) together with the European Stakeholders. The outcomes were conclusive and determined the specific need for EWIS Training. Electrical Wiring Interconnect System EWIS Training was issued as an EASA requirement in the summer of 2008. There is much confusion across the industry as to the requirements to comply with the need for training EWIS within the Part 145 and Part M environment. AMC 20-22 makes it very clear as to the requirements which are to be complied with to ensure the organization remains in conformity with EASA regulatory requirements. Ultimately in accordance with the terms of the approval issued to Operators and MROs, it is the Operator's and Maintenance Organisation Responsibility to comply with the requirements of Electrical Wiring Interconnect Systems working practices and procedures including specifically EWIS training.

Sofema Aviation Services is pleased to offer a 1 Day in-company Training to allow you to manage and deliver your own EWIS training to ensure compliance with the requirements of AMC 20-22. The Full EWIS Electric Wiring Interconnect System training is specifically targeted for Groups 1 and 2 and covers a detailed understanding of the specific requirements. Effective: 05/09/2008 Ref AMC 20-21 AMC 20-22 AMC 20-23 Annex III to ED Decision 2008/007/R of 29/08/2008.

Who is the course for?

The course is for aviation maintenance personnel who work with electrical systems and wiring in aircraft. This course specifically targets individuals who belong to Groups 1 and 2, as defined by the EWIS regulations.

tel + 359 2 821 08 06
 email team@sassofia.com

www.sassofia.com

Date	On Demand
Category	Personal Development
Venue	On Demand
Level	Basic
Price	On Demand

What is the Benefit of this Training – What will I learn?

The course is aimed at providing recurrent training and updates on the requirements and procedures related to the inspection, maintenance, and repair of aircraft electrical wiring systems. It covers topics such as wire degradation, inspection techniques, wiring practices, safety considerations, and regulatory compliance.

Detailed Content / Topics - The following Subjects will be addressed

- Introduction
- Acronyms
- Terminology
- EWIS Background
- Swissair 111 / BA 737-436, G-DOCH
- AMC 20-21
- Inspection of EWIS
- Development of EWIS Inspection
- AMC 20-8 - Mandatory Reporting
- EWIS EZAP
- Standard Practices
- ESDS
- Tools Special Tools & Equipment
- Calibration & Certification Tools & Equipment
- Wiring Checks and TSM (Trouble Shooting Manual)
- Using Meters
- LRU Replacement General Practice
- Wiring Practice Documentation
- Minimum ESWPM Content
- Inspection
- Human Factors
- Zonal Inspection and Levels
- EWIS Areas of Concern
- Housekeeping
- Identification of Wiring
- Inspection of Wiring
- Development of Continuation Training
- Inspection and Repair of Connective Devices

If you wish this training and guidance support can be developed to allow you to develop the internal delivery of a fully compliant EWIS program this may include the provision of In-Company Training material and a license to allow you to deliver the material within your own organization.

tel + 359 2 821 08 06
email team@sassofia.com

www.sassofia.com

Date	On Demand
Category	Personal Development
Venue	On Demand
Level	Basic
Price	On Demand

Target Groups

This Training is specifically aimed at Target Groups 1 and 2 personnel who perform EWIS inspection and Personnel who perform EWIS maintenance

Pre-requisites

A background in an aviation environment.

Learning Objectives

After attending this course, participants should be able to understand the specific requirements, having in mind that it is required to develop this training further within the organization particularly to reflect the organization's aircraft types and wiring practices.

What do People Say about Sofema Aviation Services Training?

"I found satisfying answers to all my questions."
"The instructor demonstrated very deep knowledge of the subject."
"The length of the course fit my needs and expectations."
"The content was really effective, I gained a lot of new knowledge."
"The practical examples were perfectly delivered."

Duration

1 day – Start at 09.00 and finish at 17.00, with appropriate refreshment breaks.
To register for this training, please email team@sassofia.com or Call +359 28210806

tel + 359 2 821 08 06
email team@sassofia.com

www.sassofia.com

Date	On Demand
Category	Personal Development
Venue	On Demand
Level	Basic
Price	On Demand